

From qrp-1@lehigh.edu Mon Nov 6 14:40:00 1995
From: weinfurtner@ouvaxa.cats.ohiou.edu (Greg Weinfurtner)
Subject: [5140] A Large QRP Presence in SS!
Message-ID: <v01510100acc3a22f324b@[132.235.72.11]>

Guys and Gals,

Worked the CW SS this weekend and boy, was there a lot more QRP stations this time! (I was Prec. "A" 100w) I worked 237 stations, 70 sections.

Here is a list of the QRP ones I worked:

K5IID KI4UZ KH6CP/1 KE0ZSD AK2P WA7EGA
K2P0/7 KB4GID W1MJ KA1CZF AD8J

11 out of 237...that's about 5% ! Told ya so!

The bands were in great shape and my hardy congrats to the QRP operators who had the guts to wear the "hairshirt" and go for it in that bedlam!

11 out of 23...that's about 5% ! Told ya so!

```
*****
*      NN      N SSSSS 888888 00000 Greg Weinfurtner AEE BSS *
*      N N      N S      8      8 0 0 Electronic Design Splst *
*      N N      N SSSSS 888888 0 0  Ohio University Athens *
*      N      N N      S 8      8 0 0 *
*      N      NN SSSSS 888888 00000 *
*
*                                     Canst thou send lightnings *
*      Amateur Radio NS80           that they may go and say *
*                                     unto thee, 'Here we are'? *
*      weinfurtner@ouvaxa.cats.ohiou.edu Job 38:35 *
*****
```

From qrp-1@lehigh.edu Mon Nov 6 14:40:00 1995
From: bcutter@teal.csn.net (Bob Cutter)
Subject: [5117] Band Modules
Message-ID: <199511052036.NAA11426@lynx.csn.net>

How are people mounting the extra band module inside the case on the Cascade?

72, Bob KI0G

END

Bob Cutter,Glenwood Springs, CO

KI0G

bcutter@teal.csn.net

From qrp-1@lehigh.edu Mon Nov 6 14:40:00 1995
From: dh@deneb.csustan.edu (Doug Hendricks)
Subject: [5128] Cascade Problems
Message-ID: <9511060304.AA03038@deneb.csustan.edu>

Guys, if you have problems with the Cascade, please contact John Liebenrood, K7RO at k7ro@teleport.com or 503-626-7745 between 6 - 8 PM PST. He will be happy to help you. This should be much more effective than posting to QRP-L. 72,Doug

From qrp-1@lehigh.edu Mon Nov 6 14:40:00 1995
From: NYOUNG@nova.wright.edu
Subject: [5127] Communications headphones
Message-ID: <01HXAQBT0GPK8WW7MB@nova.wright.edu>

1. Someone asked a while back about good communications grade headphones, something that would be light weight, easy on the sides of the head and reasonably idiot proof. I answered that person directly, in my usually vague way, but I figure someone else may want my tangentially bizarre advice. So...

I use a pair of headphones that I got with a surplus radio deal many years ago. They are H-140s and I have three of 'em. Well, actually, I have two. I also have a pair that look like H-140s, but it came with a very small diameter cable just long enough to trip over or step on yank out of the phones. I replaced that wire with a piece of coiled phone cord. Much nicer now.

So where do I get 'em (and I have three pair)? Well, they're from Fair Radio Sales, 1016 E. Eureka, P.O. Box 1105, Lima, Ohio 45802-1105. Fone: 419-227-6572, Fax 1-419-227-1313. FRS wants \$17.95 per set, plus maybe \$5 for shipping.

So there, that's settled.

Now... I am in the search mode for one of those little "crystal radio assemblies" that Philmore used to sell. If you've ever built a galena crystal set, you know what I mean. It's a little metal ball with a piece of bar stock shoved through it. One end of the bar stock has a little wooden handle. The other end has a kind of springy deal with a piece of the springy stuff pointed down. The metal ball is held in a "u" shaped bracket. That's the cat's whisker part. Then there is a little piece of smaller "u" shaped metal that forms a kind of cup for the piece of crystal material.

I used to get this item from Modern Radio Labs, which appears to have gone the way of all flesh. As in no longer open for business. So if anyone knows where I can find one of these doodads, please to be letting me know.

And unless you have an insightful piece of advice about building a tube-type QRP rig (like the tube type one by UZ3ZK) is invited to send me some email on the subject. I am about to go completely bozo and build one. Hints?

73
Nils
WB8IJN

From qrp-1@lehigh.edu Mon Nov 6 14:40:00 1995
From: dgf@netcom.com (David Feldman)
Subject: [5118] Converted Whiterook MK-44 paddle into a self-contained keyer
Message-ID: <199511052145.NAA21952@netcom5.netcom.com>

I'm building up a portable rig-in-a-bag setup with the NORCAL 40A as inspired by Myron China KB0LMQ here in Denver (he selected the CASE LOGIC DM-2 CD player carrier, which I also found is great for the NC-40A and stuff. For this I decided I wanted a tiny keyer, and I started with the Whiterook MK-44 mini-paddle.

I then modified a Whiterook MK-44 paddle to include a Curtis 8044ABM keyer and battery in it's base. Now the jack on the rear emits CW (or I should say dits and dahs, not claiming I send all that well!) when I operate the paddle rather than just contact closures as the paddle originally is designed.

I used the FAR circuits PC board for the 8044ABM based keyer, and cut the board down to it's absolute smallest dimensions, still preserving the foil patterns. I populated the board entirely on the foil side, which required bending all of the pins on the 8044ABM chip 180 degrees,

and cutting the pins flush with the body of the chip before soldering. All of the other components are similarly lead-bent and soldered in place. The assembly looks a bit like surface mount (and was almost as difficult to assemble!) By doing this on the solder side, the PC board isn't more than about 1/4" thick at it's highest point, and totally smooth on the non-foil side.

I added a tiny SPST toggle switch radio shack P/N 275-624A to the "front" panel of the paddle (in front right corner, on the same side as the 1/8" output jack but on the front instead of the rear). I wanted originally to have a rotary speed control with on/off switch but that wouldn't fit. I'm sure if I spent some time searching I could find a suitable 500K pot/sw.

Instead I chose two speeds I like (about 15 and 20 WPM) and arranged those to be selected by the switch. I have no on/off power control - the chip seems to take little current when in standby, and I figure I could remove the 12V alkaline cell for long non-use periods. I'm sure if I took more time I could have fit a DPDT switch in the same spot and had power control but this whole project was a sunday spur-of-the-moment effort. I'll definately carry spare "N" cells in my KB0LMQ-inspired packaging.

I used a 12V alkaline "N" cell for power - sold by radio shack P/N 23-144 and holder 270-405A. I trimmed/bent the various inner workings of the paddle base to make room for the battery holder, which was then expoxied upside down along one side opposite the 1/8" jack and new speed switch. The holder is held in place by 5 minute epoxy.

Once I got everything to fit (?), I was able to close the paddle up and use it. After I was satisfied that things were fitting OK, I applied a dab of 5-minute epoxy to the non-foil side of the keyer board and re-assembled it (this let the PC board find it's favorite position on the bottom half of the paddle case. Once the epoxy hardens, the case can still be opened to remove the battery, fix things, or whatever.

I suspect I'll have to leave the N cell out when travelling, because I don't have a way of keeping the paddle from getting accidentally actuated when it's stowed away, but that's no big deal for me.

Anyway, I thought this would sound interesting to someone, and perhaps someday Whiterook will make a commercial version of this same beastie.

73 Dave WB0GAZ dgf@netcom.com

From qrp-1@lehigh.edu Mon Nov 6 14:40:00 1995
From: John Seboldt <rohrwerk@netcom.com>
Subject: [5132] CW Sweepstakes

Message-ID: <Pine.3.89.9511051934.A27706-0100000@netcom9>

Thanks for the encouragement on the list to try Sweepstakes. That, plus wanting to put my R2 receiver through the ringer for overload/selectivity test :-). Put in no more than about 2 hours total -- about one scan up 20 meters today, and one scan up 40 meters last night... about 60 QSO's. Most heard my 5 watts pretty well.

the R2 held up quite well! I have high level mixers (SRA-1H) installed, and not a trace of overload even with the preamp on 20. With some careful tweaking of phasing, the opposite sideband was never a problem, though it **was** barely audible on some of those humongous signals. Selectivity could be improved -- that 850 Hz lowpass filter design (see ftp.lehigh.edu archives) could really be useful, and I have always wanted to add a sharper highpass filter at a higher frequency, say 5-600 Hz. And some kind of audio limiting wouldn't hurt in lieu of AGC -- got my ears blasted once in a while |-0.

All in all, fun to try -- my first Sweepstakes!

: John Seboldt rohrwerk@netcom.com / CW: It don't mean a thing
: K0JD... Minneapolis, MN / if it ain't got that swing!
: My R2/T2 station described in / Di dah, di dah, di dah, di dah...
> <http://www.lehigh.edu/lists/qrp-l/k0jd/index.html> <

From qrp-l@lehigh.edu Mon Nov 6 14:40:00 1995
From: roy.gregson@usfamily.wa.com (Roy Gregson)
Subject: [5126] FOR MARK GUSTOFF
Message-ID: <9511051657532011@usfamily.wa.com>

Mark hope you get this, tried to send e-mail, but guess have wrong address. Got about 3 msg's saying that my e-mail to you was undeliverable. Anyway will send copy of NW8020 manual if you would be so kind as to pass along your snail-mail address. Thanks for your interest, and sorry that Dan's problems caused you some problems.
ROY W6EMT

From qrp-l@lehigh.edu Mon Nov 6 14:40:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [5131] FOX: Schedule
Message-ID: <199511060349.DAA04522@chuck.dallas.sgi.com>

Gang,

Here is the schedule for this week.

Week of November 5, 1995 --

Tuesday November 7, 1995 --- 0200-0400UTC K5FO Chuck
This is Monday night in the USofA
Bonus night as this is visiting fox night. I will
stay late for QSOs.

To be rescheduled for later date -> NQ7K Mike

Friday November 10, 1995 --- 0100-0300UTC N4AOX Clay
This is Thursday night in the USofA

Sorry for the late posting, but it was a busy weekend. :-)

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Mon Nov 6 14:40:00 1995
From: "Bob Smith" <bsmith@msn.com>
Subject: [5138] FS: ARK4
Message-ID: <UPMAIL01.199511061145150002@msn.com>

Hate to do it...

Can't have too many QRP rigs so this one has got to go:

S&S ARK 4 40 Meter QRP rig
Completely synthesized
All options, including keyer.
40M dipole (rg239, hookup wire)
2 Gell cells
Charger
All docs
Checked out by S&S personally

Hate to do it as I said but got too many of these guys.

Firm @ \$150.00 + shipping

Thanks and 73 de
Bob, N3FTU

bsmith@msn.com

From qrp-1@lehigh.edu Mon Nov 6 14:40:00 1995
From: "Bob White" <Bob_White@CCMAIL.AEROSYS.LORAL.COM>
Subject: [5143] GQRP - QRP+ info?
Message-ID: <9510068156.AA815677119@CCMAIL.AEROSYS.LORAL.COM>

...-.-.-.-.-
Hi fellow Qrp'rs !

I have been operating an Index QRP+ rig for the past year
of which nearly all my qso's (98%) have been on cw.

I have put this down to the fact that the power output I get on ssb
seems to be of no more than 2.5 watts [is this the Norm????]
and with the antenna system I use, (MY BEDROOM WINDOW FRAME!),
I dont get much gain!!!

Even though, the stations I have worked on ssb, invariably
notify me that the audio quality is not too great....

Hence I would like to hear from other users if you have had the same
problem, or if your audio quality seems ok, what type of
microphone you are using, since I am using the one supplied
by the company that imported the radio. (a small handi speaker mic)

Another point to end with, I have heard that there is a new Eprom
for the QRP+ available, please can somebody
inform me what I would gain by getting hold of this updated eprom.

tnxs in advance es best 73's

Glenn. (G0LCQ)
...-.-.-.-.-

Via GQRP-L - The G-QRP Club mailing list

From qrp-1@lehigh.edu Mon Nov 6 14:40:00 1995
From: kd7s@valleynet.com (Bill Jones)
Subject: [5124] How did you do?
Message-ID: <199511060024.QAA08938@sierra.valleynet.com>

I am curious to know how many of you worked the 62nd ARRL Sweepstakes and how well did you do? I am looking for some kind of *yardstick* to compare my own results with the rest of this group. Here is a very brief summary of my SS activity:

Hours worked 17.5
Stations worked 308
ARRL sections 66
Total Points 39,864
States worked 46 (missed Nebraska, Maine, Maryland and S. Carolina)
Power output 4 watts
Antenna - multi-band vertical
Coffee consumed 3.25 gallons

=====
Bill Jones - KD7S
Sanger, California
Reply to kd7s@valleynet.com
=====

From qrp-1@lehigh.edu Mon Nov 6 14:40:00 1995
From: Duane Anderson <dandersn@ix.netcom.com>
Subject: [5112] Iambic A or B modes
Message-ID: <199511051532.HAA02088@ix10.ix.netcom.com>

I have come across something that I am not familiar with and thought there might be someone on this list that will know. What is Iambic A and B modes in a keyer? What do they do and what are their advantages to using either?

Thanks and 72,

Duane, KJ7HO

From qrp-1@lehigh.edu Mon Nov 6 14:40:00 1995
From: Marshall Emm <75230.1405@compuserve.com>
Subject: [5115] List Server Problem
Message-ID: <951105174801_75230.1405_HHB39-1@CompuServe.COM>

Re my message on CMOS III, the message resulted in an "undeliverable message" response saying the addressee's (QRP-L's) mailbox was full. So I sent it again a couple hours later and got another bounce message.

But it looks as if the message went out, so there is a logic problem somewhere.

I presume the server is automated, so who do I notify when there are problems like this?

73
Marshall
AA0XI

From qrp-1@lehigh.edu Mon Nov 6 14:40:00 1995
From: BOB.LIESENFELD@hamlink.mn.org (BOB LIESENFELD)
Subject: [5121] LOW OUTPUT
Message-ID: <815583637.AA04136@hamlink.mn.org>

Hi all,

There have been a number of posts regarding low RF output on Sierra' rigs. Although I don't have one of these rigs, here is a story that *might* help: I had just finished my Oak Hills Classic and was tuning it up. Hmmmmm... low output power on both bands. Retuned TX. No fix. Low drive to the final? No, looks ok. Boy the final transistor is sure hot, ouch! I bet it's the diode antenna switch... nope.

Long story short.... The RF input to the output filter from the collector of the final had a *tiny* whisker of PC board foil material from the plated thru hole to ground. A case of poor etching when the board was made. Needless to say it's tuff to make RF into an antenna when there is a short to ground ahead of it ;-)

The screaming hot final transistor should have tipped me off, as well as the fact that the rig was drawing 2A on TX. That power has to go somewhere, in this case thru a short to ground and heating up the device.

You might want to check your rigs for the same problem.
Good luck

72 Bob WB0POQ

Technology is OUT of control.....

---NoSnail v1.17

HAM>link< RBBS - Serving the Amateur Radio Community Since 1983

- 612/HAM-0000 v.34 Ham Radio Spoken Here!!
- 612/HAM-1010 v.32b Reply to sender @ hamlink.mn.org

From qrp-1@lehigh.edu Mon Nov 6 14:40:00 1995
From: Mike.Czuhajewski@bbs.abs.net (Mike Czuhajewski)
Subject: [5133] Milliwatting in the CW SS
Message-ID: <1995Nov05.231023.7745@abs.net>

I swore I wouldn't even turn on the radio for the CW SS, but finally did it for a while Sunday PM and had some milliwatting fun. I made sure my power stayed a bit below 100 milliwatts the whole time, checking it after every other contact with a dummy load and diode detector, and made 26 contacts in 18 states, as far away as the Gulf coast, Texas, Idaho and Colorado. That's 26 more 1000 Miles Per Watt awards qualified for, but I can't afford the fees :-). (There are probably many tens of thousands of qualifying contacts made by QRPers over the years.)

I heard a number of familiar QRP calls, running QRP, but naturally couldn't work any of them. That was a complaint last year on QRP-L, as I recall, that 2 way QRP contacts in the SS are extremely rare. The problem is that QRPers, as a rule, answer CQs rather than calling CQ. Chuck, shall we beat this horse again? :-)

It took a few hours of low intensity work to get those 26 contacts--a good chance to catch up on the daily digests I haven't read yet, between contacts. When you run seriously low power in a contest, not just a couple of watts, it's an entirely different world. The frustration level ratchets up rather quickly, by a couple orders of magnitude. You quickly get a feeling for how strong a signal you can call and expect an answer, and it's usually only the strongest ones. And not all of those can hear you, either. (But those that did certainly earned my respect, especially the ones that put up with several minutes of repeats to finish off the contact!)

I didn't mind working a known QRPper running in the B power class (many hundreds of watts--it's legal for QRPers to do that, you know), but what was painful was hearing another QRPper, who I've known of for years but never worked before, running in the A class ("barefoot transceiver" level) and not having him hear me. I really felt dirty doing this (since I had a bad case of Milliwatt Fever), but I kept calling over and over, slowly cranking up the power to see if he could hear me. He never did, even when I hit a full watt, so I gave up, returned to 100 mw and moved on. I didn't mind missing the South Texas section since I wasn't out to maximize my score; I did work Northern Texas, so I still get credit for the state!

For you QRP Quarterly subscribers, don't forget that we're trying to start up a milliwatting column, which W03B has agreed to take over from me until he gets tired of it. If you did any milliwatting work

in the SS, or anywhere else, you still have a few days left to get your inputs to him for the January issue. (Our deadline to the new editor is the 17th of November; KU7Y is trying to keep the Quarterly on schedule.) His address was at the end of my "seed column" in the October issue, or you can e-mail him at

bob_white@ccmail.aerosys.loral.com

And even if you're not a subscriber, you might want to share your milliwattting experiences with him for the column anyhow; there are lots of folks interested in hearing more about what people are doing with milliwatts.

73 and Queue Our Pea DE WA8MCQ wa8mcq@bbs.abs.net

--

Mike Czuhajewski, user of the UniBoard System @ abs.net

E-Mail: Mike.Czuhajewski@bbs.abs.net

The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA

Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From qrp-1@lehigh.edu Mon Nov 6 14:40:00 1995

From: Jeff Gold <JMG@tntech.edu>

Subject: [5145] Mizuhi

Message-ID: <01HXBD0EKRG2I1AYDI@tntech.edu>

guys and Gals,

well my Mizuhi 20 meter hand held finally arrived from Canada Friday evening... always wanted to play with one of these.. and living in the sticks.. had to buy one to get to touch one.

It was about 22 degrees F here.. so decided to hook it up to the quad.. used the internal power for a while and worked:

SP2FAX (cw)

F5KIP (SSB)

DJ1DW (SSB)

* all above using high power=1.8 watts near as I could measure

then found an AC/DC converter.. only put out 300ma.. so power output on rig was about.48 watts.. sometimes as high as .5 on a peak.

worked CT3EV (SSB). and there were plenty others calling EA3CB (SSB).. this was a tough one.. band was too crowded for us

little guys.

worked a bunch of guys on CW in the SSB contest.. wasn't sure about having to hold the side PTT button on the rig and then using a teeny weeny red button on top to send the code.. but if the people on the other end were getting my whole exchange correctly.. guess I was doing ok..

One thing.. if any of you have or have played with one of these.. the manual (all 2-3 pages :-)) says the button on the side is suppose to be push and it stays on .. mine you have to hold.. with the external mike you just use it normally and I think it work the same way with external key...

Would love to figure out how to use my KC1 as and external keyer/side tone. with the little plastic paddles from Whitebrook...

Love the KC1.. now installed in my Norcal 40A from Wilderness.. really neat accessory.. if you haven't played with one.. need to try it.. think Wayne deserves recognition as a super designer.

think he needs to design a multiband unit.. with built in KC1, autotuner and SSB/CW capable.

73,72
Jeffro, AC4HF

From qrp-1@lehigh.edu Mon Nov 6 14:40:00 1995
From: paxton@sound.net (frank paxton iii)
Subject: [5113] pixie II info request
Message-ID: <199511051612.KAA19719@sound.net>

what EXACTLY is the pixie II ? where can i get one ? how much ? etc.

ng0n. frank.

From qrp-1@lehigh.edu Mon Nov 6 14:40:00 1995
From: rossi@VFL.Paramax.COM (Pete Rossi)
Subject: [5130] QRP SWEEPSTAKES REPORT
Message-ID: <9511060330.AA14513@gvlf6-a>

1995 ARRL SWEEPSTAKES - CW

CALLSIGN : WA3NNA

SECTION : EPA

CATEGORY : SINGLE-OP, QRP (100% S&P)

TOTAL CONTACTS 252

TOTAL SECTIONS 66

TOTAL SCORE 33,264

HOURS ON : about 15

HEARD BUT MISSED : ME, SC, VI, AK, KS, MAR

NO TRACE OF : NE, ND, SD, PQ, YU/NWT

EQUIPMENT : OHR Classic, Heath SB-301/401 (@ 5 watts), Drake 2B

ANTENNAS : 80 inv-vee 40 inv-vee 20-15-10 dipole

Most productive bands were 80 and 15. 40 was the toughest.

Only 5 QSOs on 10 meters .. but it got me 2 sections!

Checked the 80 and 15 meter novice bands several times but only heard
Extra class calling CQ.

Using the SB-401 on 80 meters, the DRIVER tuning is very sharp. Tune up
for 5 watts and move 10-15 KHz and the output drops way down. Many QSOs
on 80 I would forget to retune it and so I was only running 1-2 watts out!
Worked just about everybody I called on 80. Who needs power? :-)

That's it. It's 0315z contest just ended. I'm going to bed :-)

Pete Rossi - WA3NNA

rossi@vfl.paramax.com

Loral Defense Systems-Eagan (formerly Unisys Government Systems Group)

Valley Forge Engineering Center - Paoli, Pennsylvania

From qrp-1@lehigh.edu Mon Nov 6 14:40:00 1995

From: glenn@noether.ex.ac.uk

Subject: [5144] QRP+ info

Message-ID: <8797.9511061245@fram.maths.exeter.ac.uk>

...- - - - -
Hi fellow Qrp'rs !

I have been operating an Index QRP+ rig for the past year
of which nearly all my qso's (98%) have been on cw.

I have put this down to the fact that the power output I get on ssb
seems to be of no more than 2.5 watts [is this the Norm????]
and with the antenna system I use, (MY BEDROOM WINDOW FRAME!),
I dont get much gain!!!

Even though, the stations I have worked on ssb, invariably
notify me that the audio quality is not too great....

Hence I would like to hear from other users if you have had the same
problem, or if your audio quality seems ok, what type of
microphone you are using, since I am using the one supplied
by the company that imported the radio. (a small handi speaker mic)

Another point to end with, I have heard that there is a new Eprom
for the QRP+ available, please can somebody
inform me what I would gain by getting hold of this updated eprom.

tnxs in advance es best 73's

Glenn. (G0LCQ)

...- - - - -

From qrp-1@lehigh.edu Mon Nov 6 14:40:00 1995

From: RHILT0@acxiom.com

Subject: [5141] QRP+ mike

Message-ID: <ebce7200@acxiom.com>

The manual for my new QRP+ says to use a microphone "of the type
normally used for 2 meter radios." Does Radio Shack carry one that
is known to work well?

tnx, ki5ez

From qrp-1@lehigh.edu Mon Nov 6 14:40:00 1995
From: DYARNES@aol.com
Subject: [5137] SS Contest Results
Message-ID: <951106015446_13948722@emout06.mail.aol.com>

I had fun, but didn't set the world on fire! Too many interruptions like anniversary dinner, football, sleep, breakfast with the family, nap, relatives visiting, nap, more football, etc. Worked 59 sections, and 42 states in 194 QSO's. Total points under 23K. Op time about 10 hours.

I missed Nebraska, Delaware, North Dakota, Maine, Alaska, New Hampshire, Kansas, and of all things--Arizona which is where I am located!!! That ought to be worth some kind of certificate!

Equipment is an Index QRP+ and an R7 vertical. I worked 40 & 20 mostly, and a bit on 15. Should have tried 80, but.....

I worked a handful of other QRPers. Some really good signals too. I saw K0FRP's score posted on qrp-1--if that's a qrp score it's a good one, but I think I might bet on K0RI. He had over 400 qso's when I worked him early Sunday morning.

Where were the VE's?? They must all still be worn out from the big vote!

Can't believe I didn't work Arizona!

72 de David W5RMZ

From qrp-1@lehigh.edu Mon Nov 6 14:40:00 1995
From: AlK0FRP@aol.com
Subject: [5134] ss results from K0FRP
Message-ID: <951105231209_98886261@emout06.mail.aol.com>

total 690 q's
73 sections
100,780 pts
used TS-850 4 el 82 ft 20m
2 el 70 40m
4 el 45 ft 15 m
2 el loop phased 70 apex 80 m
CT-9 software compac contura 486 laptop

was fun

From qrp-1@lehigh.edu Mon Nov 6 14:40:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [5142] SS revisited
Message-ID: <199511061356.NAA05382@chuck.dallas.sgi.com>

Gang,

I think the reason that I didn't work any other QRPers was that in SS it is impossible to hold a frequency. I was S&P (search and pounce) the whole contest. Not once did I call CQ, not once.

Congratulations to those that have already posted. Some impressive scores. Be sure to email them into the ARRL or send them via US Postal Service. The more the merrier. As someone mentioned previously, you might be the only Q station in your section.

See you on the fox hunt tonight. 7.110 and up the first 15 to 30 minutes and then down to 7.040 for the rest of the night, but not all night. :-)

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Mon Nov 6 14:40:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [5129] SS Summary K5FO
Message-ID: <199511060323.DAA04480@chuck.dallas.sgi.com>

Gang,

Here is the initial summary on my effort at taking abuse at 0.95W with the QRO crowd.

40M	63 QSOs	18 Sections
20M	136 QSOs	48 Sections

199 QSOs 66 Sections Total Points 26,268

Total Time: 11.0 Hours

Sections Not Worked: ME, WTX, EWA, WV, NE, MAR,
PQ, MB, YU, VI, PAC

Power: 0.95W

Rig: HB

Antenna: Long Wire and Vee-beam

Loggin: Grid 1750 Laptop with CT Version 6.46

Lessons Learned.

1. Work with CT before you start the contest. :-)
2. Don't hunt for sections at first. Wait until later.
Work 'em they will come.
3. Write down section you hear and freq, especially
where there is a pileup. He'll be there later.
4. I was stubborn and would sit on a station longer
than I should have to get the contact. Give him
three calls and then on. My rate suffered because
of this fault of mine.
5. If you are hunting for states and want to get them
in a hurry, this is the place to do it. Guaranteed.

Interested tidbits.

1. I did not work a single Q class!!! Where were the QRPers?
Was my receiver front end not hearing the weak ones?
2. I was cruising at 30wpm. If you can copy 25 to 30, you
will do well. Had only one station over 35wpm.
3. Highlight was working KL7Y, greyline on 20M with 0.95W.
It was not easy, but it can be done. I got to him before
a lot of people did. This makes my 50 states at 0.95W.
Unfortunately, not all on the same band. 49 on 40M and
45 on 30M. I may have all 50 now on 20M.
4. Last hour that I worked. Heard a station calling CQ VE5
as it was probably all he needed for clean sweep. 5KHz
away was a VE5 calling CQ and I worked him to get mine.
:-)) I love it when that happens.
5. Why was there always three or more calling CQ SS at
14.007MHz???? Marking the band edge?
6. 20M propagation was short. I got STX, NM, OK, LA, and
MS on 20M on Sunday. That doesn't happen often.
7. Had Maine stn QRZ me when I called him, but he said I was weak.
:-)
8. Used W9GR DPS III and OHR SCAF. Life savers and worth
the money.

9. I heard all the sections EXCEPT NE and HI.
10. Reason why I got requests for repeats? Not the signal strength in most cases. Wanted to verify the low NR!! :-)

Someone mentioned that 10M was open this weekend. With all the RF, it's no wonder. :-)

Hope a bunch of you got on. It's an interesting exercise and not recommended for young children and hypertensive individuals. You do gotta have a sense of humor and be able to take NO for an answer.

I now will hear the shower, running water, and fans in computers sending SS exchanges for a week. Let's see where is the ZZ-Top collection? Rock-n-Roll.....

If I can recover enough for CQ WW DX? Watch out Stan, N6ULU.

dit dit

Pete, VE5VA, I did get SD and ND, they were on. Hope you got 'em. Both 40M and 20M.

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Mon Nov 6 14:40:00 1995
From: "Taylor Greg" <GTAYLOR@ag-eco.tamu.edu>
Subject: [5148] Sweepstakes
Message-ID: <194B6AA3D55@ag-eco.tamu.edu>

Had a blast in the time available, could only get on for 5 hours but got 141 Qs in 59 sections with an Argosy I at 5 watts and a G5RV at 25 ft. Was hitting a rate of about 50 on 40 Sun a.m. Only worked 1 other qrp station but heard a few more in there. Almost exclusively S&P only 1 response CQ attempts.

72/72, Greg KD4HZ

Dr. Gregory S. Taylor !MAIL: 110 Dairy Science Building
Extension Program Leader for ! College Station, TX 77843-2124

Community Development !VOICE: 409-845-4445
Texas Agricultural Extension Service!FAX: 409-847-8744
Texas A&M University System !EMAIL: Reply or g-taylor4@tamu.edu

From qrp-1@lehigh.edu Mon Nov 6 14:40:00 1995
From: "Timothy J. Pettibone" <tpettibo@NMSU.Edu>
Subject: [5136] Sweepstakes for AB50U
Message-ID: <Pine.A32.3.91.951105232139.36486A-100000@hector>

Time: Approximately 12 hours
Contacts: 150
Sections: 55
Points: 16,500
2 way QRP: Only 5!
Comments: Fun!

Tim AB50U
NM

From qrp-1@lehigh.edu Mon Nov 6 14:40:00 1995
From: Simon Buxton <sbuxton@ccf.health.nsw.gov.au>
Subject: [5125] The Oldest Ham
Message-ID: <Pine.PMDF.3.91.951106113259.549469031A-100000@health.nsw.gov.au>

One of the original founding members of our local club, the Waverley Amateur Radio Society, in 1919 is still around. He is Gordon Thompson, VK2AVT, and we were fortunate to hear his reminiscences when he attended a meeting earlier this year. He still renews his licence each year but I am not sure how active he is. In 1919 no transmission licenses were issued in VK, only for reception. The club got one of the first transmission licences in 1921 (2BV) which it still holds as VK2BV.

Those with Web access are invited to visit the society's "home page" which gives details of its history, activities and membership.

The address is

<http://www.zip.com.au/~bb/wars.html>

The designer of the "home page", Ben Buxton (VK2XUF), would appreciate any comments regarding its design or content. He can be contacted on the

Net either from the "home page" or by Email to

bb@zip.com.au

Simon Buxton VK2EII Sydney, Australia
E-mail : sbuxton@ccf.health.nsw.gov.au Compuserve :100352,1612
Packet : vk2eii@vk2op.syd.aus.oc

From qrp-1@lehigh.edu Mon Nov 6 14:40:00 1995
From: JackS6521@aol.com
Subject: [5123] un
Message-ID: <951105192324_13640135@mail06.mail.aol.com>

unsubscribe - jack shropshire ki7s

From qrp-1@lehigh.edu Mon Nov 6 14:40:00 1995
From: "Robert J. Gobrick" <rgobrick@public.compusult.nf.ca>
Subject: [5119] Re: Band Modules
Message-ID: <199511052245.TAA10749@public.compusult.nf.ca>

QRP-L Gang,

As a follow-up to Bob's question on storing the Cascade modules, I'm curious what "tricks" folks came up for mounting the band modules in the Sierra and what is a practical limit (assuming user has mounted a KC-1 or keyer circuit).

Thanks 73/72 Bob V01DRB

At 15:37 11/5/95 EST, you wrote:

>How are people mounting the extra band module inside the case on the Cascade?

>

>72, Bob KI0G

>END

>
>Bob Cutter,Glenwood Springs, CO
>
>KI0G
>
>bccutter@teal.csn.net
>
>
>

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| Bob Gobrick - VO1DRB/WA6ERB/VE2DRB - Newfoundland, Canada |  
| QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |  
| Internet:      rgobrick@public.compuserve.nf.ca |  
|                bgobrick@terra.nlnet.nf.ca |  
| Compuserve:   70466.1405@compuserve.com |  
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From qrp-1@lehigh.edu Mon Nov 6 14:40:00 1995
From: Marshall Emm <75230.1405@compuserve.com>
Subject: [5114] Re: CMOS III Help Wanted!
Message-ID: <951105174810_75230.1405_HHB39-3@CompuServe.COM>

Hi, Larry--

Thanks VERY much for your help. You answered ALL my questions, and I can now proceed with construction though have to admit I am scared to death on the big IC socket-- those pads are the closest I have ever seen, and there sure are a lot of 'em [g]. Well, at least it's a simple enough circuit I can check the joints with a multimeter and find any bridges. I hope!

The advice on orienting the transistors turns out to be irrelevant, cuz they don't indicate pins on the board. BUT, if they had, I'd still have a problem with determining which is which on the device itself. I know it's a standard package (T02? can't look it up right now)-- for future reference, does that imply standard pin arrangement on the device?

Thanks again for your help!

73
Marshall
AA0XI

From qrp-1@lehigh.edu Mon Nov 6 14:40:00 1995
From: Marshall Emm <75230.1405@compuserve.com>
Subject: [5116] Re: CMOS III Help Wanted!
Message-ID: <951105174805_75230.1405_HHB39-2@CompuServe.COM>

Hi, Phil--

Thanks for your prompt response.

>> PMFJI..(I don't have that keyer, just the earlier version),,but I would
>> call them (Idiot/m press or whatever) and ask them if something is
>> missing. IF so, maybe you could get it faxed to shorten the reply
>> cycle.

That was my first thought, of course, but they have kindly provided me
with no phone number or fax number; no way to get in touch apart from
snail-mail (and it took them 10 days to ship my order, so I don't have
high expectations [g]).

73
Marshall
AA0XI

From qrp-1@lehigh.edu Mon Nov 6 14:40:00 1995
From: Phil Wheeler <pcw@netcom.com>
Subject: [5111] Re: CMOS III Help Wanted! (Outbox)
Message-ID: <Pine.3.89.9511050727.A19230-01000000@netcom6>

PMFJI..(I don't have that keyer, just the earlier version),,but I would
call them (Idiot/m press or whatever) and ask them if something is
missing. IF so, maybe you could get it faxed to shorten the reply cycle.

Sure sounds strange if they gave you *no* instructions!

Phil (pcw@netcom.com)

From qrp-1@lehigh.edu Mon Nov 6 14:40:00 1995
From: "Robert J. Gobrick" <rgobrick@public.compuserve.com>
Subject: [5120] Re: Converted Whiterock MK-44 paddle into a self-contained
Message-ID: <199511052246.TAA10752@public.compuserve.com>

Dave,

I am simply amazed what you have done with mounting the Curtis keyer in the bottom of the Whiterook MK-44 Paddle and a battery to boot - unbelievable. I have to admit when I first got my Whiterook keyer I thought of that but quickly gave it a passing thought - congratulations Dave for giving it a good ole Front-Range try (the reason why the Colorado QRP Club is becoming a "hotbed" of activity).

OK I have my Whiterook and blank FAR Circuits Curtis pc board in front of me and I still can't visualize how you did it. So here goes:

1. How much of the pc board did you cut away - I imagine you took out some parts - which ones.
2. I still don't see why you went the route of "SSM - sudo (or is that pseudo - hi) surface mount. Wouldn't the finished depth be the same if mounted the "normal" way and doing a copious job of trimming flush all solder joints. I know you would need to "insulate" the foil side from other parts when mounting but that doesn't seem to be a problem - I bet you I'm missing something though.
3. How in the world did you get the battery in there? Just out of curiosity is the Curtis chip orientated along the axis of the paddles or perpendicular to it?
4. Did the long anchor screw from the pivot of the paddle need to be trimmed (it seems like may get in the way of the board).
5. Do I understand that you mounted the pc board on the bottom cover of the Whiterook paddle and extended some dainty wires to the jack and speed switch - let me know if you come across a tiny, tiny pot at Gateway or somewhere - that would be neat.

Anyway thanks for the posting Dave and be sure to get this written up in the Colorado QRP Club Low-Downer newsletter (and I promise I won't ask any more questions - hi).

73/72 Bob V01DRB/WA6ERB

At 16:53 11/5/95 EST, you wrote:

>I'm building up a portable rig-in-a-bag setup with the NORCAL 40A
>as inspired by Myron China KB0LMQ here in Denver (he selected the
>CASE LOGIC DM-2 CD player carrier, which I also found is great for the
>NC-40A and stuff. For this I decided I wanted a tiny keyer, and I started

>with the Whiterook MK-44 mini-paddle.

>

>I then modified a Whiterook MK-44 paddle to include a Curtis 8044ABM

>keyer and battery in it's base.

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| Bob Gobrick - V01DRB/WA6ERB/VE2DRB - Newfoundland, Canada |
| QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |
| Internet:      rgobrick@public.compusult.nf.ca                |
|                bgobrick@terra.nl.net.nf.ca                   |
| Compuserve:    70466.1405@compuserve.com                     |
|-----
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From qrp-1@lehigh.edu Mon Nov 6 14:40:00 1995

From: dgf@netcom.com (David Feldman)

Subject: [5122] Re: Converted Whiterook MK-44 paddle into a self-contained keyer

Message-ID: <199511060020.QAA06039@netcom5.netcom.com>

Robert J. Gobrick <rgobrick@public.compusult.nf.ca> writes,

(back after about 30 SS Q's with NC-40A and modified Whiterook paddle/keyer,
all out of my new KB0LMQ rig-in-a-bag setup...!)

>1. How much of the pc board did you cut away - I imagine you took out some
>parts - which ones.

About 1/4" away from all edges of the board (this began by an accident when
I tried to cut a bit less with my metal shear and broke part of the board,
so I took my wire cutter out and started chopping away). Also cut away
a rectangle on the corner near Q1/R7 (to clear the speed toggle switch
body). It isn't actually that critical - just cut away enough to leave
at least a 1/8" gap between the board edge and the lower paddle box part
so that the upper paddle box part can fit in the lower part (and take
thingamajig "A" and fit it into doobobber "B", etc....)

I guess I'll note one other "trick" -- after I got everything "sort of"
together, I found finally I could fit the box halves back together easily,
so only then did I make up the epoxy, and did the battery and then the
PC board in two separate steps. This way the two parts would "self align"
with the liquid epoxy into a good position. I had to be really careful not
to get any epoxy onto the lip of the box halves, or nothing would come apart
again. Luckily that didn't happen.

>2. I still don't see why you went the route of "SSM - sudo (or is that
>pseudo - hi) surface mount. Wouldn't the finished depth be the same if

I prefer to call it PMSM (poor man's surface mount, or I guess these days PPSM=poor person's surface mount). Anyway, I originally anticipated wanting a really flat surface so it would bond with double sided sticky tape. Even tho I eventually did epoxy, the added depth say 2mm for the solder joints would have exhausted the available space. Besides, having the components and foil on the same side somewhat permits repairs/modifications after the fact (I did this to change my two speeds after all as built).

>3. How in the world did you get the battery in there? Just out of curiosity
>is the Curtis chip orientated along the axis of the paddles or perpendicular
>to it?

Both the chip and the battery are parallel to the main paddle levers. The battery is to the left edge (as you look towards the front of the paddle), and the board was oriented to minimize it's height in the area of the battery, which with the older is just about as thick as the open space inside the box. I was originally tempted to try to solder wires onto the battery, but then the person at Rat Shack showed me this nifty battery holder and it was worth the effort to use it.

Later on I decided I should have moved the battery as far to the rear as possible, as that would have permitted installation of another switch in front of the battery on the front panel. Oh well, live and burn.

>4. Did the long anchor screw from the pivot of the paddle need to be trimmed
>(it seems like may get in the way of the board).

Yes, I replaced the screw with one that's 1/4" shorter, then used loc tite type 271 to hold the nut permanently onto the shorter screw (notice the casual use of the word "permanently". Ha!)

I also mangled the two terminal pieces to get them out of the way. I had to be careful in bending them to still let them have freedom to clear the holes and permit freedom of movement.

>5. Do I understand that you mounted the pc board on the bottom cover of the
>Whiterook paddle and extended some dainty wires to the jack and speed switch

I have 7 wires crossing over the halves - I used for the most part cuttings from a "spectra strip" ribbon cable, but any stranded 24 guage would work.

>- let me know if you come across a tiny, tiny pot at Gateway or somewhere -
>that would be neat.

Of course I'll probably get a couple of more of these MK44's and try a refined version, with a speed/on-off control required on the next pass.

Another thing - I was really concerned that the paddle/keyer would acc-

identally key while stored inside the carry case, so I discovered that I could put a 1/2" length of 1/4" shrink tubing (unshrunk) over the center contact/stand-off and this acts as an insulator to prevent operation when unintended. This scheme probably isn't as good as an on-off switch but it was easy to add after the fact.

This little effort only took about 3 hours start-to-finish (including building the FAR circuit board) so it's entirely feasible that a second version would be nicer.

>Anyway thanks for the posting Dave and be sure to get this written up in the
>Colorado QRP Club Low-Downer newsletter (and I promise I won't ask any more
>questions - hi).

It didn't occur to me to send it along to the CQC letter but that would be the obvious place to print it, as I'm CQC member (number 67 I think). Maybe I'll assemble this text and the original post into something readable and send it along to them.

Well thanx for the encouragement and kind words. I kinda wish I had a camera, scanner, and somewhere to post a html home page, as for this thing a picture is probably worth more than my attempt at a description.

73 Dave WB0GAZ dgf@netcom.com

From qrp-1@lehigh.edu Mon Nov 6 14:40:00 1995
From: Jim Stafford-W4QO <w4qo@america.net>
Subject: [5135] Re: CW Sweepstakes
Message-ID: <Pine.SV4.3.91.951106003928.27634A-100000@atl1>

Could only get on a short time on Sunday evening.

24 minutes
20 Qs
15 sections
600 points
20 meters
Index Labs/5 watts
TH6 @ 80 feet

73/72/jim/w4qo

From qrp-1@lehigh.edu Mon Nov 6 14:40:00 1995

From: tbowman@leba.net
Subject: [5139] Re: Modern Radio Labs
Message-ID: <199511061158.GAA03672@fig.leba.net>

I am in the search mode for one of those little "crystal radio assemblies" that Philmore used to sell....

I used to get this item from Modern Radio Labs, which appears to have gone the way of all flesh. As in no longer open for business. So if anyone knows where I can find one of these doodads, please to be letting me know.

There was a post in July with the following address:

Modern Radio Labs
POB 14902
Minneapolis, MN 55414-0902.

The poster said this fellow took over for Elmer after his death BUT the last time he ordered was two years ago....

Has anyone ordered from Modern Radio Labs at this address recently or does anyone have a newer address???

Tom, WA3REY

From qrp-l@lehigh.edu Mon Nov 6 14:40:00 1995
From: Pat Taber <ptaber@logicraft.com>
Subject: [5147] Re: Norcal Thunder from the West Coast
Message-ID: <199511061431.JAA100424@nss2.CC.Lehigh.EDU>

>Which brings me to an idea I haven't seen tried on the net yet. I was
>thinking about making a tape recording of these kinds of QSO's, converting
>them to an audio file and upload into the QRP-L home page on the WEB.

I think it's a great idea but for a different reason. Once I was invited to teach a segment of a Novice/Tech course dealing with digital communications. Because I wanted a classy demo and because I couldn't set up a radio inside the building, I made some tape recordings of various digital signals and then played them aloud then through a PK-232 to show the results. I also brought some recordings of SSB and CW.

More than half the class had never heard real ham radio transmissions. And quite a few were a little taken aback. They had some fuzzy idea that the audio would be somewhat like what they heard on their car radios. It occurred to me that this is part of why it's hard to explain contesting to a non-ham. They're thinking megawatt FM radio station while you're talking lightbulb-class SSB....

Getting some sound clips on the net could help set people's expectations a little better.

>>>==>PStJTT

"A day without OJ is like a day without migraine."

Patrick Taber	Email: ptaber@logicraft.com
Principal Software Engineer	Phone: (603) 880-0300
Logicraft Information Services	Fax: (603) 880-7229
22 Cotton Road	
Nashua N.H. 03063	Also known as: KC1TD

From qrp-l@lehigh.edu Mon Nov 6 14:40:00 1995
From: Pat Taber <ptaber@logiccraft.com>
Subject: [5146] Re: oldest ham
Message-ID: <199511061419.JAA100408@nss2.CC.Lehigh.EDU>

Is the oldest ham the ham who is oldest or the person who has been a ham the longest? During sweepstakes I heard (but couldn't contact) a station in Illinois who was handing out a check of 12 (the year the Titanic went down, my 6-year-old reminded me.) That means he was licensed 83 years ago!!!! Imagine the memories of 83 years of radio....

>>>==>PStJTT

"A day without OJ is like a day without migraine."

=====	
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